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Water-Data Report NV-2005

**10347600 HUNTER CREEK NEAR RENO, NV**

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

LOCATION.--Lat 39°29'27.3", long 119°53'58.77" referenced to North American Datum of 1983, in SW ¼ SW ¼ sec.14, T.19 N., R.19 E., Washoe County, Hydrologic Unit 16050102, on left bank, 0.6 mi upstream from mouth , and 5 mi southwest of Reno.

DRAINAGE AREA.--11.5 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

PERIOD OF RECORD.--Oct 1961 to Sep 1971, Oct 1977 to Sep 1981, Oct 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,000 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to Oct 2002, at site 300 ft upstream at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Present gage location is downstream of Streamboat Ditch and diversion to Hunter Creek Reservoir.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 986 ft<sup>3</sup>/s, Jan 31, 1963, gage height, 6.93 ft, from floodmarks, from rating curve extended above 54 ft<sup>3</sup>/s, on basis of slope area measurement of peak flow; minimum daily, 1.5 ft<sup>3</sup>/s, Mar 4, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 63 ft<sup>3</sup>/s, May 3, gage height, 9.03 ft; minimum daily discharge, 1.5 ft<sup>3</sup>/s, Nov 15, Dec 20.

## 10347600 HUNTER CREEK NEAR RENO, NV—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**  
**DAILY MEAN VALUES**  
[*e*, estimated]

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	2.2	2.8	3.9	3.6	3.7	4.1	6.4	11	36	16	4.6	4.9
<b>2</b>	2.3	3.2	e3.8	4.0	3.8	4.4	6.6	11	33	15	4.3	4.5
<b>3</b>	2.2	2.8	e3.9	3.7	3.7	4.3	7.0	31	32	15	4.2	5.3
<b>4</b>	2.2	2.2	e4.0	3.7	3.8	4.3	6.6	52	32	14	4.2	5.3
<b>5</b>	2.7	2.3	3.7	3.6	3.8	4.3	6.9	15	31	14	4.3	4.6
<b>6</b>	3.4	3.4	3.9	3.6	3.9	4.5	8.1	8.5	28	13	4.6	4.5
<b>7</b>	3.5	3.3	4.2	3.8	3.9	4.7	8.6	7.5	27	13	4.4	4.6
<b>8</b>	3.5	3.4	4.2	3.7	3.7	5.3	7.6	8.0	26	12	4.1	5.2
<b>9</b>	3.5	3.3	4.1	2.5	3.7	5.8	6.7	8.8	24	12	4.1	4.9
<b>10</b>	3.5	2.7	3.6	4.2	3.7	8.5	6.4	7.1	24	12	4.0	4.9
<b>11</b>	3.6	2.1	3.6	4.0	3.8	9.8	6.5	6.5	23	11	4.1	4.9
<b>12</b>	3.6	2.1	3.6	4.4	3.9	11	7.2	7.5	22	11	4.2	5.2
<b>13</b>	3.6	2.1	3.6	3.9	4.2	9.7	6.8	9.3	22	10	4.4	5.4
<b>14</b>	3.6	1.7	3.6	3.8	4.4	7.3	6.4	13	22	9.5	4.8	5.1
<b>15</b>	3.7	1.5	3.5	3.8	4.3	6.4	6.3	16	22	8.7	5.0	5.2
<b>16</b>	3.7	2.5	3.5	3.8	4.2	6.1	6.4	22	22	8.0	5.6	5.0
<b>17</b>	4.8	3.4	3.4	3.8	4.5	5.7	7.9	18	22	7.6	5.4	5.1
<b>18</b>	3.6	3.4	2.9	3.8	4.5	5.5	8.4	22	22	7.4	6.2	5.1
<b>19</b>	3.4	3.4	4.1	3.7	4.3	6.5	7.3	30	21	7.1	6.2	4.7
<b>20</b>	2.9	2.8	1.5	3.7	4.6	6.4	6.7	32	21	6.7	6.1	5.1
<b>21</b>	3.6	2.3	1.6	3.7	5.6	5.8	6.8	32	20	6.8	5.9	5.3
<b>22</b>	3.6	2.6	2.4	3.6	10	9.2	7.1	34	19	6.7	5.7	5.3
<b>23</b>	3.7	3.2	5.3	3.6	6.0	8.2	7.7	32	19	6.1	5.6	4.6
<b>24</b>	3.7	3.7	5.1	3.7	5.2	6.3	7.5	34	19	5.7	5.7	3.8
<b>25</b>	3.6	3.7	5.0	3.8	4.8	5.7	7.8	36	18	5.6	5.8	3.9
<b>26</b>	3.7	3.9	3.2	3.9	4.5	5.9	8.7	39	18	5.3	5.6	3.8
<b>27</b>	3.4	3.2	2.9	3.9	4.2	8.3	11	47	18	5.1	5.6	4.0
<b>28</b>	3.3	3.5	3.6	3.9	4.1	12	10	47	17	5.2	5.5	4.9
<b>29</b>	3.2	e3.6	3.6	3.7	---	8.0	9.3	44	17	5.1	5.3	5.5
<b>30</b>	3.0	e3.7	4.0	6.8	---	7.1	9.6	41	17	4.8	5.3	5.5
<b>31</b>	2.9	---	4.9	5.1	---	6.5	---	37	---	4.8	5.2	---
<b>Total</b>	103.2	87.8	114.2	120.8	124.8	207.6	226.3	759.2	694	284.2	156.0	146.1
<b>Mean</b>	3.33	2.93	3.68	3.90	4.46	6.70	7.54	24.5	23.1	9.17	5.03	4.87
<b>Max</b>	4.8	3.9	5.3	6.8	10	12	11	52	36	16	6.2	5.5
<b>Min</b>	2.2	1.5	1.5	2.5	3.7	4.1	6.3	6.5	17	4.8	4.0	3.8
<b>Ac-ft</b>	205	174	227	240	248	412	449	1,510	1,380	564	309	290

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2005, BY WATER YEAR (WY)**

	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	5.18	5.20	5.37	6.18	5.94	5.91	8.67	20.2	22.9	12.1	6.75	5.57
<b>Max</b>	7.40	7.57	12.1	12.7	14.1	8.68	15.6	43.6	46.7	27.9	11.2	7.96
(WY)	(1968)	(1964)	(1965)	(1963)	(1963)	(1967)	(1965)	(1969)	(1967)	(1967)	(1965)	(1965)
<b>Min</b>	2.81	2.93	3.07	2.94	2.64	3.53	3.85	8.00	4.89	3.18	2.75	2.41
(WY)	(2004)	(2005)	(1962)	(2004)	(2004)	(2003)	(2003)	(2004)	(2004)	(2004)	(1981)	(1981)

**10347600 HUNTER CREEK NEAR RENO, NV—Continued****SUMMARY STATISTICS**

	<b>Calendar Year 2004</b>		<b>Water Year 2005</b>		<b>Water Years 1962 - 2005</b>	
<b>Annual total</b>	1,557.1		3,024.2			
<b>Annual mean</b>	4.25		8.29		9.17	
<b>Highest annual mean</b>					14.5	1969
<b>Lowest annual mean</b>					4.27	2004
<b>Highest daily mean</b>	70	Apr 28	52	May 4	230	Jan 31, 1963
<b>Lowest daily mean</b>	1.5	Mar 4	1.5	Nov 15	1.5	Mar 4, 2004
<b>Annual seven-day minimum</b>	1.7	Feb 28	2.1	Nov 10	1.7	Feb 28, 2004
<b>Maximum peak flow</b>			63	May 3	986	Jan 31, 1963
<b>Maximum peak stage</b>			9.03	May 3	6.93	Jan 31, 1963
<b>Annual runoff (ac-ft)</b>	3,090		6,000		6,650	
<b>10 percent exceeds</b>	6.7		21		19	
<b>50 percent exceeds</b>	3.4		5.0		6.0	
<b>90 percent exceeds</b>	2.3		3.4		3.7	